

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference BT/3-22349	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/013250	International filing date (day/month/year) 22/11/2004	(Earliest) Priority Date (day/month/year) 02/12/2003
Applicant CIBA SPECIALTY CHEMICALS WATER TREATMENTS LTD.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).



With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2.



Certain claims were found unsearchable (See Box II).

3.



Unity of invention is lacking (see Box III).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.



none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/013250

A. CLASSIFICATION OF SUBJECT MATTER

PC 7 C08F2/00 C12P13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08F C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/033716 A (DIA-NITRIX CO., LTD; SEYA, MASAOKI) 24 April 2003 (2003-04-24) the whole document	1-18
X	US 4 343 900 A (WATANABE ET AL) 10 August 1982 (1982-08-10) the whole document	1-18
Y	US 6 162 624 A (SYMES ET AL) 19 December 2000 (2000-12-19) cited in the application	1-17
A	the whole document	18
Y	US 5 698 629 A (SEKI ET AL) 16 December 1997 (1997-12-16)	1-17
X	the whole document	18

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

25 May 2005

Date of mailing of the international search report

06/06/2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013250

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 03033716	A	24-04-2003	WO	03033716 A1	24-04-2003
US 4343900	A	10-08-1982	JP	1377275 C	08-05-1987
			JP	56051987 A	09-05-1981
			JP	61040396 B	09-09-1986
			JP	1377276 C	08-05-1987
			JP	56051988 A	09-05-1981
			JP	61040397 B	09-09-1986
			DE	3037009 A1	23-04-1981
			FR	2466506 A1	10-04-1981
			GB	2062625 A , B	28-05-1981
US 6162624	A	19-12-2000	AT	235546 T	15-04-2003
			AT	207964 T	15-11-2001
			AU	719269 B2	04-05-2000
			AU	1106497 A	03-07-1997
			AU	714561 B2	06-01-2000
			AU	1106597 A	03-07-1997
			BR	9611961 A	17-02-1999
			BR	9612006 A	17-02-1999
			CA	2238443 A1	19-06-1997
			CA	2239005 A1	19-06-1997
			CN	1207776 A , C	10-02-1999
			CN	1207770 A	10-02-1999
			DE	69616594 D1	06-12-2001
			DE	69616594 T2	02-05-2002
			DE	69627021 D1	30-04-2003
			DE	69627021 T2	11-03-2004
			DK	870016 T3	16-06-2003
			DK	870051 T3	25-02-2002
			EP	0870016 A1	14-10-1998
			EP	0870051 A1	14-10-1998
			ES	2193280 T3	01-11-2003
			ES	2166010 T3	01-04-2002
			WO	9721805 A1	19-06-1997
			WO	9721827 A1	19-06-1997
			JP	2000501610 T	15-02-2000
			JP	2000501611 T	15-02-2000
			PT	870016 T	31-07-2003
			RU	2182928 C2	27-05-2002
			RU	2188864 C2	10-09-2002
			US	6361981 B1	26-03-2002
			US	5998180 A	07-12-1999
US 5698629	A	16-12-1997	JP	9118704 A	06-05-1997